

# June

Magic Lantern Society  
of the United States and Canada

NEWS 2021



A look at some of today's fun  
kind of projecting

[https://www.youtube.com/watch?v=U8\\_WoOf9sEO](https://www.youtube.com/watch?v=U8_WoOf9sEO)

## What is Le Petit Chef?

The thing is that you are eating a six-course meal where you are guided by the waiters and of course – the small French chef.

The show is happening on your plate with 3D technology and amazing storytelling. You will watch the 5-centimeter chef running around on your plate and table and then you get a dish that is connected to the story. If you want to know what's it all about, you can watch the video on Youtube see link above.



<https://www.youtube.com/watch?v=LXyX-OvZIUg>

## Now to the dessert menu

This is a 90-second video from a small country restaurant in France, which keeps its customers entertained while they are waiting for dessert. The French restaurant “Le Petit Chef” (Little Chef) came up with an original way to entertain guests while waiting for their order by using an overhead projector on the ceiling. Bon Appétit!

LOOK for those Buttons and roll-over effects

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## The Magic Lantern Calendar June 2021

### Exhibits

Currently open, *Balzer Collection*, Academy Museum of Motion Pictures, Los Angeles CA USA. 9,000 magic lantern objects collected by former MLS president Richard Balzer.

Currently open, *Brinton's Famous Moving Pictures*, Iowa University Library, Iowa City, IA. Includes magic lanterns and slides.

Currently open, *Virtual Victorians*, Daventry Museum, Daventry, Northamptonshire, UK. "Fascinating facts and curious objects," including magic lantern.

Through December 2026, *The Story of the Moving Image*, Australian Center for the Moving Image, Melbourne Australia. From magic lanterns to the latest in interactive technology

### Meetings

July 24. 2021, *Summer Meeting*, Magic Lantern Society, University of Exeter, Exeter, England

October 23. 2021, *Fall Meeting*, Magic Lantern Society, Swedenborg Hall, London, England.

April 29 – May 1, 2022, *Magic Lantern Convention*, Magic Lantern Society, Birmingham, England.

September 2022, *Magic Lantern Convention*, Magic Lantern Society of the US and Canada, Cleveland OH. Date TBA.

### Online

*Virtual Worlds in Early Cinema: Devices, Aesthetics and Audiences*, Museu del Cinema, University of Girona, Oct 20-22, 2021. Call for papers is open until May 5; registration begins June 7.

*Rare Images from Tuskegee Institute*, Grand Rapids Public Museum, [grpmcollections.org/Detail/collections/335](http://grpmcollections.org/Detail/collections/335). Other images include Abraham Lincoln, World War I, band instruments, baking and lumbering in Michigan.

*Lower the Lights*, Magic Lantern online exhibit at Cotsen Children's Library, Princeton University: <https://library.princeton.edu/libraries/cotsen/exhibitions/MagicLantern/index.html>

*Lucerna – the Magic Lantern Web Resource*, online database collaboration covering all aspects of magic lanterns. <http://lucerna.exeter.ac.uk/>

*To add your magic lantern show, exhibition, or meeting to our calendar, drop a line to [briandrogers@gmail.com](mailto:briandrogers@gmail.com).*



## Triplex-Epidaskop (Müller&Wetzig, Dresden)

From



Anke Napp shared a link.

April 23 · 🌐

<https://www.youtube.com/watch?v=92CjQmXhVMI>

A little video showing the famous "Triplex"!



## From Filmosto - Wikipedia

In 1899 Johann Wetzig and Robert Müller founded a “special factory for projection and enlargement devices”. They manufactured projection, enlargement and cinema equipment, including the “Dresdensia” projection apparatus (1903, lens by Emil Busch), projectors I to V (from 1905) and the Fam VI enlarger (1935). In 1937 the delivery directory for vertical enlargers with manual focus included the series Pollux, Artus VIII and Artus X as well as Sirius. Fix and Phönix I, Phönix III and Phönix V had automatic focusing. Horizontal enlargers were Orion, Matador, Effekt, and Saxonia. The devices could process negatives from  $6.5 \times 9$  cm to  $18 \times 24$  cm. Double anastigmats were consistently offered as lenses for the devices. There were also enlargers for smaller formats and the multifoc universal device.



# Magic Lantern Revamp

From



By Peter Balch

<https://www.instructables.com/Magic-Lantern-Revamp/>

I got a rather nice Victorian magic lantern projector in a car boot sale. It's probably a "Walter Tyler Helioscopic Magic Lantern" from around 1890.

Like many such lanterns, it had lost its oil-lamp burner so I

decided to give it an LED lamp.

It still has the reflector attached to a brass arm so I could use that to support the LED. The reflector could also act as part of the heat-sink for the LED.

(As with all such "modernisations", one should not make changes to the original antique.)

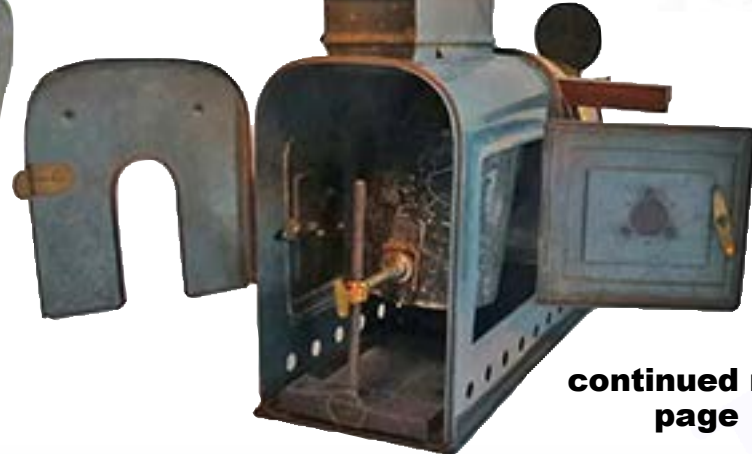
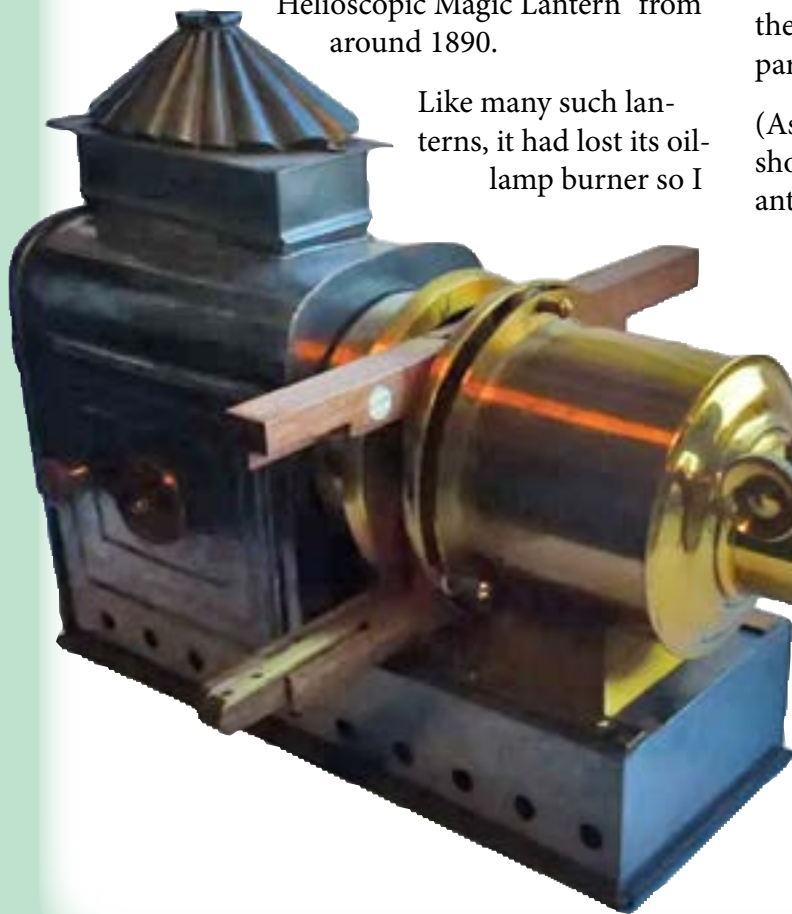
## Step 1: What Kind of LED?

My first thought was to use a flat COB LED to give even illumination. I bought:

<https://www.ebay.co.uk/itm/48-LED-COB-Chip-T10-W5W...>

(Or search eBay for "48 LED COB 8W".)

It's easy to install - it has a sticky back - and can be connected straight to 12V. I could stick it onto a sheet of metal but it didn't seem to need much of a heatsink.



**continued next page**

## Magic Lantern Revamp continued

The projector has a condenser between the “lamp” and the slide so the divergent light from the COB LED was focussed in the slide.

Unfortunately, I couldn't get a sharp image. That really surprised me. Surely all that matters for focus is that the slide is in the right place? The illumination might affect the brightness but not the focus. I knew you needed a focussed condenser for microscopy but why did it matter for a projector? The web suggested that a projector's condenser was needed for even, bright illumination but not for focus. Did I need a “point source”? Weird.

### Step 2: Point Source LED

So I got a small 3W LED.

<https://www.ebay.co.uk/itm/10PCS-3W-High-Power-Le...>

(Or search eBay for “10PCS 3W High Power Led”.)



The forward voltage of the LED is around 3V. For 3W that implies a current of around 1A. To reduce the heat generated I chose a 5V power supply and, to extend its life, I decided to use a current of around 0.5A. so that's

$$(5V - 3V) / 0.5A = 4\text{ohm}$$

$$0.5A * 0.5A * 4\text{ohm} = 1W$$

So I needed a 4ohm 1W resistor.

(The actual forward voltage varied between 2.5V and 3.5V depending on the current.)

I wired it up and held it inside the projector and got a much crisper image. Really weird.



**The complete  
instructions at link  
below**

<https://www.instructables.com/Magic-Lantern-Revamp/>

## Magic Lantern Slides - Information

### From Helen Routledge

helen.routledge@hotmail.co.uk

Good Morning

I wonder if you are able to help, we have come across some slides and would like to know if they are worth any money.

Please see attached photograph, I can send some more if you are able to help.

Kind Regards

Helen Routledge

Thank you for your reply they are actually Military Slides, but we have No Notes.

Again Thanks you for your help



### From David Evans

Good Day Helen

Thank you for contacting us. They look like a scientific lecture, possibly on biology or a similar subject. If you have the lecture notes that go with them, and if all the slides mentioned in the notes are present, they may have some value. If not, probably negligible, I'm afraid, though you could look at eBay to see if there are any similar slides on there.

Suddenly they look a lot more interesting! It says WWI training slides? Does it say that anywhere? It could be a history of warfare perhaps. Hard to put a value on them, but I would think there would be some interest from collectors of militaria. We could put them in our monthly e-publication (June) and say open to offers if you think it appropriate, Have you tried placing a slide in a window and photographing it? You might get better images that way. Ideally a transparency scanner is the best way to do it, but not everyone has one of those!

Regards

David



## First Live Event

**From Matt Schnittker**

mschnitt@gmail.com

With COVID restrictions partially lifted, I was invited to give a Magic Lantern Show for a live event at the Muzeo Museum in Anaheim Ca. The museum is about 5 minutes from Disneyland and was hosting an event called “Make Believe at Muzeo” in collaboration with the Museum Of Make Believe. This was my first live event in front of a large audience and my first public event. I thought I’d share some photos.

<https://muzeo.org/>

<https://www.museumofmakebelieve.org/>

A Magic Lantern was discreetly worked into the decor!

I brought my primary lantern as well as a Marcy Sciopticon as backup. Both lanterns were powered with batteries and use an MR16 style LED light.

Notice also the small lantern in front of the table. This was placed by the organizers as part of the decor to fill the screen in between performances.

The show was short with a performance of “Jack And The Beanstalk” as well as several slip slides for comedy. It was great to finally perform in front of a live audience and get real time feedback on what worked and what did not.

Overall, the event went well. I got lots of laughs on the slip slides. The event was live streamed. The stream is on YouTube if interested. I can say that watching one’s own performance certainly highlights room for improvement! [https://www.youtube.com/watch?v=\\_JG-Oh3LYRk](https://www.youtube.com/watch?v=_JG-Oh3LYRk)  
Hope everyone is doing well.

-Matt



**From David Evans**

Thank you Matt and congratulations on your first presentation! May it be the first of many!

Regards

David

## About a Lantern

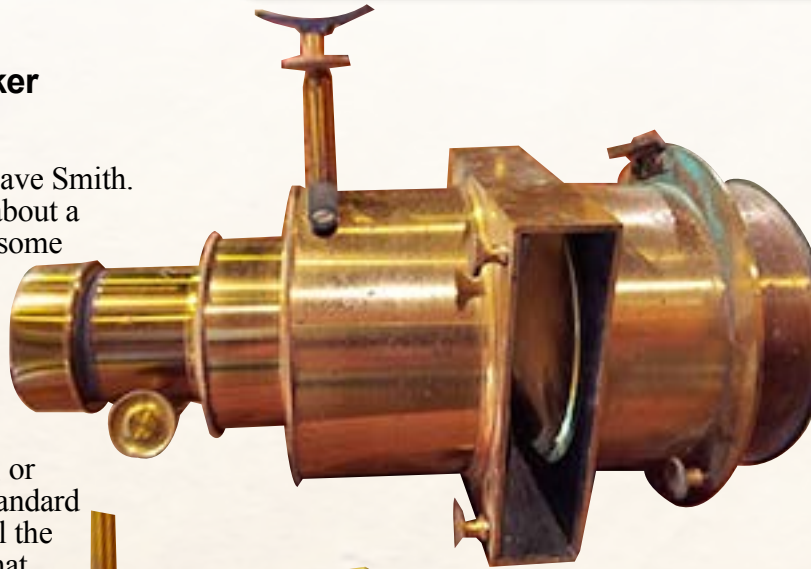
**From Matt Schnittker**

mschnitt@gmail.com

Asking for my friend Dave Smith.  
Hello, I have question about a  
lantern I obtained with some

Autochrome Slides. I  
don't have the body,  
just the condenser  
and lens. Is this  
lantern specific to

Autochrome projection, or  
does it appear to be a standard  
lantern? Can anyone tell the  
model or make from what  
is here? The  
only marking I  
see is a "600"  
stamped into the  
body. Also, any  
thoughts on what  
the body for the  
illumination might  
have been? I've  
also added an  
image of a couple  
of the autochrome  
slides for context  
on size and  
coloration.



**Autochrome Slides**



## X-ray Info Power

By Terry Borton

Last night we had dinner with a retired radiologist. When he found out I was interested in lantern slides he told me that he became a radiologist because of one.

As a first-year medical student he went to an introductory lecture on radiology that used slides of x-rays. He was thunderstruck with the amount of “information” in the images, and could immediately see how powerful radiology could be. After the lecture he went up to the lecturer’s office and asked to sign up as a radiology resident—four years in the future!



He was right of course. The slides were about four times the size of the 35mm slides usually used for college presentations, and so the visual “information” was about four times as detailed — not quite as detailed as the x-rays themselves, but getting there. That power to show detail was critical in the success of Beale’s slides earlier, and is part of what kept the lantern alive, long after its heyday, in medical and art classes.

**MORE** on article from  
April 2021 E-pub

## Do You Take Questions



### From Helmut Waelde

Hi David (and Ed),

thank you so much for sending me the e-pubs so quickly.  
By the way I send you the following link that shows information about the device in the April e-pub, p.6/7. The disc is surely a part of a french “Cinematographe EVL”. Maybe it was changed some time ago to what it is now.

Best wishes to both of you

Helmut

the link is: [https://www.google.com/search?source=univ&tbm=isch&q=cin%C3%A9matographe+evl&client=firefox-b-d&sa=X&ved=2ahUKEwidhKuQ87TwAhVPg\\_0HHXb5ALUQjJkEegQIBRAB&biw=1920&bih=916](https://www.google.com/search?source=univ&tbm=isch&q=cin%C3%A9matographe+evl&client=firefox-b-d&sa=X&ved=2ahUKEwidhKuQ87TwAhVPg_0HHXb5ALUQjJkEegQIBRAB&biw=1920&bih=916)

Dear David,

my intention was to show the different projectors that use the discs which look like the disc in the April e-pub.

Maybe you can first chose the homepage from the Cinématèque Française to get more information:

<https://www.cinematheque.fr/fr/catalogues/appareils/collection/projecteur-de-disqueap-94-06.html>

Regards

Helmut



### From Elsie Strom

estrom1@hotmail.com

I have found a box of magic lantern slides amongst my parent's things. I am trying to find out the value of them and more information on what I can do with them.

Thank you,  
Elsie Strom  
estrom1@hotmail.com

I will have to figure out how to send you pictures. Not the most tech savvy here. I have 38 slides that are approx 6.5x1.5" and 13 slides 8.5x2.5. They are glass, painted pictures on glass and they've been in a box, I'm afraid to try to clean them off because I don't want to erase the pictures. Some of them are numbered, as if the pictures are in a sequence, jesters, royalty, other things. Some just have pictures of people, some look like military generals in green uniforms with medals, on one slide "Kuropatkin, Kaulbars, Lippewitsch, Slossei" if I am seeing the names right. My Mom had written on the box "Slides for Magic Lantern-late 19th century" My Mom was born in 1910.

I appreciate your reply and I will try to take pictures and figure out how to send them

Thanks,  
Elsie

### From David Evans

Hello Elsie

Thank you for your enquiry. Could you let me have a few pictures, a note of the size of the slides and any other details that may be relevant? Such as slide maker's names on them, titles etc.

The value can vary from very little to quite a lot, depending!

David Evans

Hello Elsie

These are children's slides, most of which were made in Germany around the turn of the 20th Century. Often they had red binding paper around the edges. The slides will be made by the lithographic process (i.e. printed) rather than painted. The glass side you can clean easily but you could quite easily damage the lithograph side, so I wouldn't try cleaning that side. I have searched some of the names you mention, but Lippewitsch and Slossei I think you may have got slightly wrong, as I can't find those names. It seems as though you have some images of Russian military leaders of around 1905-10, which is about the date of the slides. Children's lanterns and slide sets were made in quite a wide range of sizes, so it is not really surprising that the two sets differ in dimensions.

To be worth much slides would need to be in complete sets and in mint condition, as this type of slide is still quite common.

Don't worry about pictures - I can visualise the type of thing.

Aleksey Nikolayevich Kuropatkin ( Russian : Алексѣй Николаевич Куропáткин ; March 29, 1848 – January 16, 1925) served as the Russian Imperial Minister of War from January 1898 to February 1904 and as a field commander subsequently. Historians often hold him responsible for major Russian defeats in the Russo-Japanese War of 1904 to 1905, most notably at the Battle of Mukden (1905) and at the Battle of Liaoyang (August-September 1904).

Alexander Wilhelm Andreas Freiherr von Kaulbars (Russian: Александр Васильевич Каульбарс, romanized: Aleksandr Vasil'evič Kaul'bars ; 23 May [O.S. 11] 1844 – 25 January 1925) was a Baltic German military leader who served in the Imperial Russian Army during the late 19th and early 20th centuries.

Regards

David



## Cine Nic Sonoro Projector/phonograph

**From Gart Westerhout**

gartsongs@gmail.com

<https://www.youtube.com/watch?v=MMZ0ChOWNik>

be sure to click “more” in the description to read a bit about it and see the lyrics



Paddy, The Cockney And The Ass

Another song I learned from the repertoire of Tom Lenihan, from a collection called The Mount Callen Garland collected and edited by another great songster, Tom Munnelly. This comic song tells of an Irish country man who outwits a city slicker in London. It is thought that the song originated in America and travelled back as opposed to the other way around.

Cathy Jordan - Vocals, “uke” guitar & bones  
John Doyle - Guitar, bouzouki  
Mike McGoldrick - Low whistle, snare drum, jaw harp

Peter Crann - Illustration  
Peter Martin - Video

**FOR SALE**

## Magic Lantern Slides

**From Wad Zoeker**

wadzoeker@gmail.com

Magic Lantern Slides

I have a number (127x) Magic Lantern glass slides to sell, they are all 3¼” (8.2 cm) square.

If you have interest in seeing the images I can send you the link to my Dropbox.

The quality of the slides varies from slide to slide, most are of good quality but a number need attention (broken glass or other faults).

If you have interest in purchasing the collection or part of the collection you can make an offer to me direct wadzoeker@gmail.com

**From David Evans**

Dear Mr Zoeker

Kentwood Wells has passed your email to me. We can add your query to our next e-publication (June) and it would certainly help to have some images, if you could kindly arrange that. We can mention that they would be open to offers, if that is suitable to you. Obviously the more information about them the better.

Thank you for contacting us.

David Evans



## Magic Lantern Slides

**From Katie Driscoll**

katiedriscoll@outlook.com

I am trying to find magic lantern glass slides that are 9” x 2.5” or 23cm x 6.5cm. They seem really rare – do you know where I can find that size.

Thanks so much

Katie Driscoll

**From David Evans**

Dear Katie

Thank you for your enquiry. I am wondering if you have a particularly early magic lantern or a large size children’s one, or whether you need that size for some other reason.

Some of the mid-19th century panoramic hand-painted slides could fall into that category. We have some that date from about 1840 that measure 25.5 cm x 6.7cm (10” x 2.6”) and some similarly dated ones that are 26cm x 7cm (10.25” x 2.75”). We also have children’s lithographic slides that are 20cm x 6cm (7.8” x 2.36”). These last would be of German manufacture, dating from about 1900, and would of course have been made to metric dimensions.

I hope that helps a bit at least. As to where to obtain them, your guess is probably as good as mine! We will add your request to our next e-publication (June) and hope that one of our members may be able to assist you.



**A Big Thank You to the following:**  
contributing to this months issue.

Terry Borton  
Katie Driscoll  
David Evans  
Waelde Helmu  
Brian Rogers  
Helen Routledge  
Matt Schnittker  
Elsie Strom  
Gart Westerhout  
Wad Zoeker

**Now it's your turn to share!**

Do you have a favorite site or a collection of images you would like to share with the rest of the society?

E-mail Larry

The Slides that Please the Eyes  
**SCOTT & VAN ALTENA**  
Special Slides for Scientific Advertising Purposes  
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Nelson-Moran ... 4 " Italy-Turkey War ... 1 "  
Britt-Nelson ... 5 Reels  
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Ph: (413) 888-4208  
E: jessica.levy@simmons.edu  
Grad student  
Interests: All lanterns and slides  
Will buy, sell and trade.

**Jay Buettner**

204 Evergreen Court  
Mountainside  
NJ 07092-1808  
Ph: (908) 451-1805  
E: jaybuettner@verizon.net  
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